Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims

1. (currently amended): A compound of formula (I):

$$\begin{array}{c|c}
R^2 & R^1 \\
\hline
N & R^3 & R^4
\end{array}$$
(I)

wherein

R¹ is n-propyl, 1-methylethyl, 2-methylpropyl, or 3,3-dimethylpropyl; (optionally substituted with 1, 2 or 3 halo substituents and/or with 1 substituent selected from -S-(C₁-C₃ alkyl), O-(C₁-C₃ alkyl) (optionally substituted with 1, 2 or 3 F atoms), -O-(C₃-C₆-cycloalkyl), -SO₂-(C₄-C₃ alkyl),

-CN, -COO (C1-C2-alkyl) and -OH); C2-C6_alkenyl; (CH2)9-Ar2; or a group of formula (i) or (ii)

$$(CH_2)_{r} Z$$

$$(CR^{5}R^{6})_{s} , (CR^{7}R^{8})_{t} X$$

$$(CR^{7}R^{8})_{t} X$$

$$(CR^{7}R^{8})_{t} Y$$

 $\frac{\text{(i)}}{R^2,\,R^3\text{ and }R^4\text{ are each independently selected from hydrogen or }C_1\text{-}C_2\text{ alkyl};}$ R⁵-R⁶-R⁷ and R⁸ are each independently selected from hydrogen or C₁-C₂ alkyl;

-X- is a bond, CH2, CH=CH, O, S-, or SO2;

-Y- is a bond, -CH2- or -O;

-Z is hydrogen, OH or O (C₁-C₃ alkyl);

p is 0, 1 or 2;

q is 0, 1 or 2;

r-is 0 or 1;

s is 0, 1, 2 or 3;

t is 0, 1, 2, 3 or 4; and

Ar₁ is selected from: a phenyl group which is optionally substituted with 1, 2 or 3 substituents each independently selected from halo, trifluoromethyl and C_1 - C_4 alkyl and/or with 1 substituent selected from phenyl, phenyl substituted with 1, 2 or 3 halo substituents, pyridinyl, pyrazolyl, phenoxy and phenoxy substituted with 1, 2 or 3 halo substituents; pyridinyl; or pyridinyl substituted with 1, 2 or 3 substituents each independently selected from halo, trifluoromethyl and C_1 - C_4 alkyl and/or with 1 substituent selected from phenyl and phenyl substituted with 1, 2 or 3 halo . substituents; and

Ar2 is selected from

- (i) a phenyl group or a 5 or 6 membered monocyclic heteroaromatic group each of which is optionally substituted with 1, 2, 3, 4 or 5 substituents (depending on the number of available substitution positions) each independently selected from halo, cyano, C₁-C₄alkyl (optionally substituted with 1, 2 or 3 F atoms),

 O (C₁-C₄ alkyl) (optionally substituted with 1, 2 or 3 F atoms) and S (C₁-C₄ alkyl) (optionally substituted with 1, 2 or 3 F atoms) with the proviso that only C₁-C₄alkyl may be a substituent for the H of any NH moiety present within a 5 or 6 membered monocyclic heteroaromatic group; or
- (ii) a naphthyl group or an 8-, 9- or 10-membered bicyclic heteroaromatic group each of which is optionally substituted with 1, 2, 3, 4, 5 or 6 substituents (depending on the number of available substitution positions) each independently selected from halo, cyano, C₁-C₄alkyl (optionally substituted with 1, 2 or 3 F atoms), O (C₁-C₄ alkyl) (optionally substituted with 1, 2 or 3 F atoms) and S (C₁-C₄-alkyl) (optionally substituted with 1, 2 or 3 F atoms) with the proviso that only C₁-C₄alkyl may be a substituent for the H of any NH-moiety present within an 8-, 9- or 10-membered bicyclic heteroaromatic group;

or a pharmaceutically acceptable salt thereof

- (a) the cyclic portion of the group of formula (i) must contain at least three carbon atoms and not more than seven ring atoms;
- (b) when X is CH=CH, then the cyclic portion of the group of formula (i) must contain at least five carbon atoms:
- (c) when Z is OH or O (C₁-C₃ alkyl), then X is -CH₂;

(d) when Y is O-then p cannot be 0.
2. (canceled)
3. (canceled)
4. (currently amended): The compound of claim 1, wherein R^2 , R^3 , and R^4 [[,]] R^6 , R^7 , and R^8 are each hydrogen.
5. (canceled)
6. (canceled)
7. (canceled)
8. (canceled)
9. (canceled)
10. (canceled)
11. (canceled)
12. (canceled)
13. (canceled)
14. (canceled)
15. (canceled)
16. (canceled)

- 17. (canceled).
- 18. (canceled).
- 19. (previously presented): The compound of claim 1, wherein $-Ar_1$ is phenyl or phenyl substituted with 1, 2 or 3 substituents each independently selected from halo, trifluoromethyl and C_1 - C_4 alkyl and/or with 1 substituent selected from phenyl, phenyl substituted with 1, 2 or 3 halo substituents, pyridinyl, pyrazolyl, phenoxy and phenoxy substituted with 1, 2 or 3 halo substituents.
 - 20. (canceled)
 - 21. (canceled)
 - 22. (canceled)
 - 23. (canceled)
- 24. (previously presented): A pharmaceutical composition, comprising a compound of claim 1 or a pharmaceutically acceptable salt thereof, or 3-[(phenylmethyl)-(3S)-3-pyrrolidinylamino]-propanenitrile or a pharmaceutically acceptable salt thereof, together with a pharmaceutically acceptable diluent or carrier.

Claims 25 - 28. (canceled)

29. (previously presented): A method for treating attention-deficit hyperactivity disorder (ADHD), comprising administering to a patient in need thereof an effective amount of a compound of claim 1 which selectively inhibits the reuptake of norepinephrine over serotonin and dopamine, or a pharmaceutically acceptable salt thereof.

Claims 30-36. (canceled).